Patent Application Transmittal

(only for new, nonprovisional applications under 37 C.F.R. 1.53(b))

| EXPRESS MAIL | |
|---|-----------------------------|
| Mailing label number: <u>EJ902175225US</u> Date of Deposit: <u>October 12, 1999</u> I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR § 1.10 on the date indicated above and is addressed to the Assistant Commissioner for Patents and Trademarks, Washington, D.C. 20231. | Jese4 U.S. PTO 09/416414 |
| RAJIV PRATAP | |
| (Typed or printed name of person mailing paper or fee) | |

[37 CFR § 1.8 Certificate of Mailing CANNOT be used.]

(Signature of person mailing papel or fee)

| Attamps Dealest No. 500 001 | ate: | | | |
|-----------------------------|--------------|--------|--------|--|
| Actorney Docket No.: VG-UUI | torney Docke | No.: _ | VG-001 | |

ASSISTANT COMMISSIONER FOR PATENTS Box Patent Application Washington, D.C. 20231

Sir:

With reference to the filing in the United States Patent and Trademark Office of an application for patent in the name(s) of: Inderpal S. Bhandari et. al

METHOD AND APPARATUS FOR FINDING HIDDEN PATTERNS IN THE CONTEXT OF entitled: QUERYING APPLICATIONS

| | New Application | |
|----------|--|--|
| <u>X</u> | Continuing Application | 7 |
| | Continuation Divisional X Continuation of prior application serial no. $60/103,948$, fill 1998 | n-in-Part (CIP) ed <u>October 13,</u> |
| | [Note: If priority under 35 U.S.C. 120 involves a series of respaphications, then in this amendment identify each and its relation predecessor.] | 3 1 |
| _X_ | The prior application is assigned of record to Virtu | aal Gold, Inc. |

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PTO/SB/17 (12-98)

Apprior use through 09/30/2000. OMB 0651-0032

Patent and Tradema... office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

FEE TRANSMITTAL for FY 1999

Patent fees are subject to annual revision. Small Entity payments must be supported by a small entity statement, otherwise large entity fees must be paid. See Forms PTO/SB/09-12.

TOTAL AMOUNT OF PAYMENT (\$)2792.00

| Compl te if Known | | | |
|----------------------|------------------------------|--|--|
| Application Number | To be assigned | | |
| Filing Date | October 12, 1999 | | |
| First Named Inventor | Inderpal S. Bhandari et. al. | | |
| Examiner Name | | | |
| Group / Art Unit | | | |
| Attorney Docket No. | | | |

| METHOD OF PAYMENT (check one) | METHOD OF PAYMENT (check one) FEE CALCULATION (continued) | | | | | | |
|--|---|----------------------|-------------|---------------------|---|----------|---|
| 1. The Commissioner is hereby authorized to charge indicated fees and credit any over payments to: | 3. / | DDI | TION | AL F | EES | | |
| indicated fees and credit any over payments to. | Large | Entity | Small | Entity | y | | |
| Deposit Account | Fee | Fee | Fee | Fee | Fee Description | Eoo Doid | |
| Number | Code 105 | (\$) 130 | Code 205 | (\$) 65 | Fee Description Surcharge – late filing fee or oath | Fee Paid | |
| Deposit Account | 103 | 130 | 200 | 05 | | | |
| Name | 127 | 50 | 227 | 25 | Surcharge – late provisional filing fee or cover sheet. | | , |
| Charge Any Additional Fee Required Under | 139 | 130 | 139 | 130 | Non-English specification | | |
| 37 CFR 1.16 and 1.17 | 147 | 2,520 | 147 | 2,520 | For filing a request for reexamination | | |
| 2. 🗷 Payment Enclosed: | 112 | 920* | 112 | 920* | Examine action 1 | | |
| Check Money Other | 113 | 1,840* | 113 | 1,840 | Requesting publication of SIR after Examiner action | | |
| Order | 115 | 110 | 215 | 55 | Extension for reply within first month | | |
| FEE CALCULATION | 116 | 380 | 216 | 190 | Extension for reply within second month | | |
| 1. BASIC FILING FEE | 117 | 870 | 217 | 435 | Extension for reply within third month | | |
| Large Entity Small Entity Fee Description Fee Paid | 118 | 1,360 | 218 | 680 | Extension for reply within fourth month | | |
| Fee Fee Fee Code (\$) | 128 | 1,850 | 228 | 925 | Extension for reply within fifth month | | |
| 101 760 201 380 Utility filing fee 760 | 119 | 300 | 219 | 150 | Notice of Appeal | | |
| 106 310 206 155 Design filing fee | 120 | 300 | 220 | 150 | Filing a brief in support of an appeal | | |
| 107 480 207 240 Plant filing fee | 121 | 260 | 221 | 130 | Request for oral hearing | | |
| 108 760 208 380 Reissue filing fee | 138 | 1,510 | 138 | 1,510 | Petition to institute a public use proceeding | | |
| 114 150 214 75 Provisional filing fee | 140 | 110 | 240 | 55 | Petition to revive – unavoidable | | |
| SUBTOTAL (1) (\$) 760 | 141 | 1,210 | 241 | 605 | Petition to revive – unintentional | | |
| 2. EXTRA CLAIM FEE | 142 | 1,210 | 242 | 605 | Utility issue fee (or reissue) | * | |
| Fee from | 144 | 580 | 244 | 290 | Plant issue fee | | |
| Total Claims Sector Fee Paid Fee Paid Total Claims Fee Paid X 18 Total Claims Total Claims Total Claims Fee Paid X 18 Total Claims Total Clai | 122 | 130 | 122 | 130 | Petitions to the Commissioner | | |
| Independent 11 - 3** = 8 x 78 = 624 | 123 | 50 | 123 | 50 | Petitions related to provisional applications | | |
| Claims Multiple dependent | 126 | 240 | 126 | 240 | Submission of Information Disclosure Stmt | | |
| **or number previously paid, if greater; For Reissues, see below | 581 | 40 | 581 | 40 | Recording each patent assignment per | 40 | _ |
| Large Entity Small Entity | 146 | 760 | 246 | 380 | property (times number of properties) Filing a submission after final rejection | | |
| Fee Fee Fee Fee Fee Description | 1 | | | | (37 CFR 1.129(a)) | | |
| Code (\$) Code (\$) 103 18 203 9 Claims in excess of 20 | 149 | 760 | 249 | 380 | ` '' | | |
| 102 78 202 39 Independent claims in excess of 3 | 1 73 | , 00 | 273 | 500 | examined (37 CFR 1.129(b)) | | |
| 104 78 202 39 Multiple dependent claim if not paid | l | | | | | - | |
| 109 78 209 39 ** Reissue independent claims over original patent | Other | fee (sp | ecify)_ | | | | |
| 110 18 210 9 ** Reissue claims in excess of 20 and over original patent | | fee (sp | | | | | |
| SUBTOTAL (2) (\$) 1992 | * Redu | iced by | Basic | Filing I | Fee Paid SUBTOTAL (3) (\$) | 40 | |
| | | | | | | | _ |

| SUBMITTED BY | | Complete (| if applicable) |
|--------------------------|------------------|----------------------------|----------------|
| Typed or Printed Name | C. Andrew Im | Reg. Number | 40,657 |
| Signature | October 12, 1999 | Deposit Account User ID | |

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs or the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents. Washington, DC 20231.





| _ | This is an application of a small entity under 37 CFR 1.9(f) and the amounts shown in parentheses below have been employed in calculating the fee: |
|-------------------|--|
| | <pre>Small Entity Verified Statement(s) is (are) enclosed. Small Entity Verified Statement(s) filed in prior application, status still proper and desired</pre> |
| The f | ollowing are enclosed: |
| <u>X</u> <u>X</u> | Specification (86 pages) & Abstract 19 Sheet(s) of Drawings 96 Claim(s) (including 11 independent claim(s)) This application contains a multiple dependent claim |
| <u>X</u> | Our check 1508 for \$2792.00 is enclosed, calculated as follows: |
| | Basic Fee, \$760.00 |
| X | Multiple Dependent Claim Fee at \$260.00 (\$130.00) Assignment Recording Fee \$40.00\$ 40.00 |
| | Total filing fee \$2792.00 |
| | |
| <u>X</u> | Order Form for Recording Assignment |
| <u>X</u> | Oath or Declaration and Power of Attorney X New X signed unsigned Copy from a prior application (37 C.F.R. 1.63(d)) |
| | Deletion of Inventors |
| | Signed Statement attached deleting inventor(s) named in the prior application (37 C.F.R. 1.63(d)(2) and 1.33(b)) |
| | Power of attorney and/or correspondence address was changed during prosecution of the prior application. The new power of attorney is to The new correspondence address is indicated above. |
| | Incorporation by Reference (for continuation or divisional application) The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein. |
| _ | A Preliminary Amendment is enclosed. (Claims added by this amendment have been properly numbered consecutively beginning with the number next following the highest numbered original claim in the prior application.) |
| _ | Cancel in this application original claims of the prior application before calculating the filing fee. (At least one original independent claim must be retained for filing purposes.) |
| _ | New formal drawings are enclosed. |
| | |

Certified copy of each foreign priority application on which the claim for priority under 35 U.S.C. 119 is based was filed in prior U.S. application serial no., filed. A list of said foreign priority application(s) is (are) provided below. Acknowledgement thereof is requested.

Application No.

Filed

In

Respectfully submitted,

Attorneys for Applicant(s)

Зу: **(**

C. Andrew Im Reg. No. 40,657